

Title (en)

CROSS-LINKING OLIGONUCLEOTIDES FOR ENZYME-MEDIATED TRIPLE STRAND FORMATION.

Title (de)

VERNETZEN VON OLIGONUKLEOTIDEN FÜR ENZYMVERMITTELTE DREIFACHSTRANGBILDUNG.

Title (fr)

OLIGONUCLEOTIDES A RETICULATION POUR LA FORMATION DE TRIPLE BRIN A MEDIATION ENZYMATIQUE.

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Application

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Abstract (en)

[origin: WO9303736A1] The invention disclosed is directed to cross-linking between specific sites on adjoining oligonucleotides or oligodeoxynucleotides wherein the nucleoside monomers used to effect the cross-linking are (alkylating substituent substituted) pyrazolol[3,4-d]pyrimidine ribosides or 2'-deoxyribosides. This cross-linking is assisted by the presence in mammalian host of a recombination enzyme such as RecA. The cross-linking of either double or triple stranded nucleic acids is expected to have utility in the inhibiting the expression of the targeted nucleic acids in vivo and as a diagnostic tool as well.

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